

Attorney Docket No: UCAL-250/02US  
UC Ref. 96-152-3


#6  
PATENT

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By

  
René Curry

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of Nelson B. FREIMER et al.

Serial No.: 08/976,560

Examiner: Arthur, L.

Filed: November 24, 1997

Art Unit: 1634

For: METHODS FOR TREATING BIPOLAR MOOD DISORDER ASSOCIATED  
WITH MARKERS ON CHROMOSOME 18Q

Assistant Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Applicant hereby submits this Information Disclosure Statement in accordance with 37 CFR 1.98 and pursuant to Applicant's continuing duty under 37 CFR 1.56 to bring any information which may be material to patentability of this application to the Examiner's attention.

Applicant makes no representation that a search has been conducted by the Applicant, or that there is not possibly more relevant art. Applicant also makes no representation that the information submitted herewith is in fact material.

- ☐ No copies enclosed: The publications listed on the enclosed Form PTO 1449 have been previously cited by or submitted to the PTO as recited in the Information Disclosure Statement Transmittal that accompanies this paper. In accordance with the provisions of 37 C.F.R. 1.98(d), no copies of these publications are being provided.
- ☒ Copies enclosed: Copies of the publications listed on the enclosed Form PTO 1449 are being provided with this Information Disclosure Statement.
- ☒ The enclosed publications, D10 (Coon) and D48 (Stine), were cited in a foreign examination report in a related case. A copy of the search report and the cited references are attached hereto.

☐ The search report is not in the English language and a translation of the search report is enclosed.

☐ At least one of the enclosed publications is not in the English language.

☐ English translation(s) are enclosed.

☐ Enclosed is an explanation of the relevance of non-English publications for which an English translation is not available.

☐ The explanation is in the form of an English language search report.

The subject application is believed patentable over any of the above references.

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Respectfully submitted,

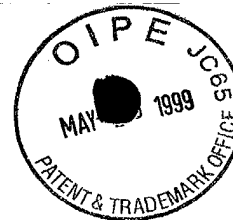
COOLEY GODWARD LLP

By:

Karen E. Flick  
Karen E. Flick, Ph.D.  
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Enclosures: 1. Form PTO 1449  
2. Copies of references cited on Form PTO-1449

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PATENT #6

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5/6/99

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Serial No.: 08/976,560

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MATRIX CUSTOMER  
SERVICE CENTER

For: METHODS FOR TREATING BIPOLAR MOOD DISORDER ASSOCIATED  
WITH MARKERS ON CHROMOSOME 18Q

Assistant Commissioner for Patents  
Washington, D.C. 20231

**TRANSMITTAL**

Transmitted herewith are the following documents:

1. Information Disclosure Statement;
2. Cited References (55);
3. Copy of International Search Report; and
3. Postcard

The Commissioner is hereby authorized to charge any underpayment of the following fees associated with this communication, including any necessary fees for extension of time, or credit any overpayment to Deposit Account No. 03-3117:

[X] Any national application filing fees under 37 CFR 1.16.

[X] Any patent application processing fees under 37 CFR 1.17.

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Respectfully submitted,  
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By: Karen E. Flick

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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US97/14892

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) : C12Q 1/68; C12P 19/34; C07H 21/02, 21/04

US CL : 435/6; 91.2; 536/23.1, 24.3, 24.33

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/6; 91.2; 536/23.1, 24.3, 24.33

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Please See Extra Sheet.

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Coon et al. Analysis of Chromosome 18 DNA Markers in Multiplex Pedigrees with Manic Depression. Biological Psychiatry. 15 April 1996. Volume 39, pages 689-696, see entire document.	1-16
A	Stine et al. Evidence for Linkage of Bipolar Disorder to Chromosome 18 with a Parent-of-Origin Effect. American Journal of Human Genetics. December 1995. Volume 57, pages 1384-1394, see entire document.	1-16

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
*A* document defining the general state of the art which is not considered to be of particular relevance	*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
*E* earlier document published on or after the international filing date	*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*A* document member of the same patent family
*O* document referring to an oral disclosure, use, exhibition or other means	
*P* document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

28 SEPTEMBER 1997

Date of mailing of the international search report

17 DEC 1997

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